Index of Claims

| Appl | ication/Co | ntrol No |
|------|------------|----------|
|------|------------|----------|

10/825,066

Examiner

Tuyet Vo

Applicant(s)/Patent under Reexamination

SID, ALBERTO

Art Unit

2821

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Date         |                 |              |              |                |              | Cla  | aim      |          |   |          | Da       | te        |          |          |           |                    | Cli       | aim      |     |       |        | (          | Date     | e        |           | _                         |          |          |          |           |                 |
|----------|----------|--------------|-----------------|--------------|--------------|----------------|--------------|--|----------|----------|---|----------|----------|-----------|----------|----------|-----------|--------------------|-----------|----------|-----|-------|--------|------------|----------|----------|-----------|---------------------------|----------|----------|----------|-----------|-----------------|
|          | _        | Ī.,          | Π               | Π            | Π            | П              |              | П  | Π        |          |   |          | _        |           | П        | П        | T         | T                  |           |          |     |       |        |            |          |          |           |                           |          |          |          | $\Box$    | П               |
| Final    | Original | 9/20/02      | İ               |              |              |                |              | 1  | l        |          |   | Final    | Original |           | İ        |          |           |                    |           |          |     |       | Final  | Original   |          |          |           |                           |          |          |          | i         |                 |
| 证        | 를<br>말   | 18           |                 |              |              |                |              |  |          |          |   | 证        | Ĕ        |           |          |          |           |                    |           | 1        |     |       | 谭      | Ę          |          |          |           |                           |          |          |          |           |                 |
|          |          |              | L               |              | <u> </u>     |                |              |  |          |          |   |          | ٥        |           |          |          |           |                    |           |          |     |       |        |            |          |          |           |                           |          |          |          |           |                 |
|          | 1        | +            |                 |              |              |                |              |  |          |          |   |          | 51       |           |          | $\Box$   |           |                    |           |          |     |       |        | 101        |          |          |           |                           |          |          |          |           |                 |
|          | 2        |              |                 |              |              |                |              |  |          |          |   |          | 52       |           |          |          |           |                    |           |          |     |       |        | 102        |          |          |           |                           |          |          |          |           |                 |
|          | 3        | П            |                 |              |              | $oxed{L}$      |              |  |          |          |   |          | 53       |           |          |          |           |                    |           |          |     |       |        | 103        |          |          |           |                           |          |          |          |           |                 |
|          | 4        | Ш            | 丄               |              |              |                | L            |  | L        | <u>_</u> |   |          | 54       | Ш         | $\perp$  |          |           | $oldsymbol{\perp}$ |           |          |     |       |        | 104        |          |          |           |                           |          |          |          |           |                 |
|          | 5        | Ц            | L               |              |              | L              | <u> </u>     | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L        | <u> </u> |   |          | 55       |           |          | $\perp$  |           |                    |           |          |     |       |        | 105        |          | ot       |           |                           |          |          |          |           |                 |
|          | 6        | Ц            | $oxed{igspace}$ |              |              | <u> </u>       | <u> </u>     | _  |          | _        |   |          | 56       |           | $\perp$  |          |           | $\perp$            | Ш         | $\perp$  | _   |       |        | 106        | L        | _        |           |                           |          |          |          |           | Ш               |
|          | 7        | Ц            | ┖               | L            | _            | _              | $oxed{oxed}$ |  | L        | <u> </u> |   |          | 57       |           | _        | _        | _         | 丄                  |           | _        |     |       |        | 107        |          |          |           |                           |          |          |          | $\perp$   | Ш               |
|          | 8        | Ш            | ╙               |              | _            | $oxed{\bot}$   | $oxed{oxed}$ | ╄  | _        | <u> </u> |   |          | 58       | Щ         | _        |          | _         | _                  | Ш         | $\Box$   | _   |       |        | 108        |          | _        |           |                           |          |          |          | $\square$ |                 |
|          | 9        | Ц            | <del> </del>    | ļ            | <u> </u>     | _              | <u> </u>     | <u> </u>   | L        | <u> </u> |   | L        | 59       | Ш         | 4        |          |           | $\bot$             |           | _        | _   |       |        | 109        |          |          |           |                           |          |          |          |           |                 |
|          | 10       | Н            | _               | _            | _            | _              |              | _  |          | _        |   |          | 60       |           | _        |          |           | $\bot$             | Ш         | $\dashv$ | _   |       |        | 110        | <u> </u> |          |           |                           |          |          |          | $\vdash$  | Ш               |
|          | 11       | $\sqcup$     | _               | $oxed{oxed}$ | _            | 1              | $\vdash$     | 1  | Ш        | <u> </u> | Ш |          | 61       | $\sqcup$  | -        | _ _      | 4_        | 4                  | $\vdash$  | $\dashv$ | _   |       |        | 111        | <u> </u> | $\vdash$ | ldash     | ldash                     | <u> </u> | _        |          |           | Ш               |
|          | 12       | ${}^{\rm H}$ |                 | <u> </u>     | <del> </del> | 1              | <u> </u>     | 1  | <u> </u> | <u> </u> |   | <u> </u> | 62       | $\sqcup$  | 4        | _ _      | 4         | 4                  | $\sqcup$  | $\dashv$ | _   |       |        | 112        | L_       | ļ        |           | L                         | <u> </u> | <u> </u> | Ш        |           | Ш               |
| <u> </u> | 13       | $\sqcup$     | 1               | <u> </u>     | <b> </b>     | 1              | <u> </u>     |  | <u> </u> | _        |   | <u> </u> | 63       | $\sqcup$  | _        | _        |           | 4                  | $\perp$   |          | _   |       |        | 113        | _        | <u> </u> | $\vdash$  | $ldsymbol{ldsymbol{eta}}$ | _        | <u> </u> | Ш        | _         | Ш               |
|          | 14       | H            | ـ               | <u> </u>     | ↓_           | -              | <u> </u>     | -  | _        | <u> </u> |   | ļ        | 64       | Ш         | $\dashv$ | $\perp$  | $\bot$    | 1                  | Ш         | $\sqcup$ | _   |       |        | 114        | <u> </u> |          | Щ         |                           | $\vdash$ | _        | Ш        |           | Ш               |
|          | 15       | Н            | ١               | <u> </u>     | ₩            | <del> </del> _ | <u> </u>     | <u> </u>   |          |          |   | <u></u>  | 65       | Ш         | _        |          | $\perp$   | ╄                  | Ш         |          |     |       |        | 115        | <u> </u> |          | _         |                           | _        |          |          |           | Ш               |
|          | 16       | Н            | <u> </u>        | <u> </u>     | 1            |                | <u> </u>     | ļ  |          | _        |   |          | 66       | $\sqcup$  | _        | _        |           | ↓_                 | $\vdash$  |          | _   |       |        | 116        | _        |          |           |                           |          |          |          |           | Ш               |
|          | 17       | Н            | ┡               | _            | ⊢            | <del> </del>   | _            | ┞-   |          | _        |   |          | 67       | $\square$ | $\dashv$ | _        | +         |                    |           |          |     |       |        | 117        |          |          |           |                           |          |          |          |           | Ш               |
| <u> </u> | 18       | Н            | ╄               | <u> </u>     | -            | ⊢              | ▙            | ┞  |          | <u> </u> |   |          | 68       |           | $\dashv$ | -        |           | ┼                  | $\vdash$  | _        | _   |       |        | 118        | <u> </u> |          |           |                           |          |          |          |           | Ш               |
|          | 19       | Н            | _               | ├            | ┡            | _              | _            | _  |          | L.       |   |          | 69       | Н         | -        | _        | _         | ╀                  | Ш         | $\dashv$ | _   |       |        | 119        | _        | <u> </u> |           |                           | _        | ļ        | _        | _         | Ш               |
|          | 20       | Н            | ⊢               | ├-           | ⊢            | $\vdash$       | ⊢            | $\vdash$   |          | <u> </u> |   |          | 70       | Н         | -        | -        |           | ╀-                 | _         |          |     |       |        | 120        | _        |          |           | _                         | _        | _        | Ш        |           | Ш               |
| _        | 21       | Н            | -               |              | ├-           | -              | <del> </del> | -  | _        | _        |   | <u> </u> | 71       |           | -        |          | +-        | ┼                  | $\vdash$  | $\dashv$ | -   |       |        | 121        | _        |          |           |                           |          | _        |          |           | Ш               |
|          | 22       | ₩            | <del> </del>    | <del> </del> | ├-           | ⊢              | ⊢            | $\vdash$   | _        |          |   | <u> </u> | 72       | $\vdash$  | +        | +        | +         | ┼-                 | $\square$ | -        |     |       |        | 122        | _        |          |           |                           |          |          | Щ        | $\vdash$  | Н               |
|          | 23       | H            |                 |              | ⊢            | ⊢              | ├            | ┞  | -        | _        |   | <u> </u> | 73       | -         | -        |          |           | +                  | Н         | $\dashv$ | _   |       |        | 123        | <u> </u> | Н        | _         | _                         | _        | _        | _        | _         | $\vdash$        |
|          | 24       | H            | -               | _            | ├-           | ├-             | <u> </u>     | -  | Н        | -        |   |          | 74       | $\dashv$  | -        | -        |           | ┼                  |           |          | :   |       |        | 124        | <u> </u> | $\vdash$ |           | _                         |          | -        | -        |           | $\vdash$        |
|          | 25<br>26 | Н            | -               | H            | -            | -              | _            | Η-   | Н        | -        |   | <u> </u> | 75       | $\dashv$  | -        | -        |           | +-                 | -         | -        | -   |       |        | 125        |          | Н        | Н         |                           | _        | $\vdash$ | -        | $\dashv$  | Н               |
| <u> </u> | 27       |              | ├               | $\vdash$     | <del> </del> | ├-             | -            |  | Н        | -        |   | <u> </u> | 76<br>77 |           | $\dashv$ |          | +-        | +-                 | $\vdash$  | -        |     |       |        | 126        |          | Н        |           |                           |          | _        |          |           | Н               |
|          | 28       | H            | ┢╌              | $\vdash$     | ┢            | ┢              | -            | H  | Н        |          |   |          | 78       |           |          |          | +-        | +-                 | $\vdash$  | $\dashv$ |     |       |        | 127        |          |          |           |                           |          | -        | $\dashv$ | -         | Н               |
|          | 29       | ╁            | ⊢               | ⊢            | ⊢            | ├              | ├            | -  | Н        |          |   |          | 79       |           | +        | $\dashv$ | +-        | ╁                  |           | $\dashv$ |     |       |        | 128<br>129 |          | Н        | $\vdash$  |                           | -        | _        | $\dashv$ | $\dashv$  | Н               |
| <u> </u> | 30       | H            | ⊢               | ├-           | ├            | ├              | -            | $\vdash$   | Н        | -        |   |          | 80       | $\vdash$  | +        | +        | +         | ╁                  | $\vdash$  | $\dashv$ |     |       |        | 130        |          | -        |           |                           | _        |          | $\dashv$ | $\dashv$  | Н               |
|          | 31       | Н            | ┢               | ├-           | $\vdash$     | ┢              | -            | $\vdash$   | Н        | $\vdash$ |   | _        | 81       | $\dashv$  | +        | +        | +         | +                  | $\vdash$  | $\dashv$ |     |       |        | 131        |          | Н        | $\vdash$  |                           | _        |          | $\dashv$ | $\dashv$  | Н               |
|          | 32       | Н            | -               | -            | ┢            | $\vdash$       | -            | ├  | Н        |          |   |          | 82       | $\dashv$  | +        | +        | ╫         | ╁                  | H         | $\dashv$ |     | 1     |        | 132        | Н        | Н        | $\vdash$  |                           | $\vdash$ |          | $\dashv$ | $\dashv$  | Н               |
| _        | 33       | $\vdash$     | $\vdash$        | -            | ┢╾           | -              | -            | $\vdash$   | Н        |          |   |          | 83       | -         | +        | ┰        | ╁         | ╁                  | $\vdash$  | $\dashv$ |     |       |        | 133        | -        | $\vdash$ |           |                           | -        |          |          | $\dashv$  | Н               |
|          | 34       | $\vdash$     |                 | ┢            |              | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$ |          |   |          | 84       | $\vdash$  | +        | +        | +         | $\vdash$           | $\vdash$  | $\dashv$ |     | - I   |        | 134        | _        | $\vdash$ | $\dashv$  | $\vdash$                  | $\vdash$ | Н        |          | $\dashv$  | $\vdash \vdash$ |
|          | 35       | H            |                 | ┢            | $\vdash$     | $\vdash$       | $\vdash$     | <b> </b>   | $\vdash$ |          |   |          | 85       | $\dashv$  | $\dashv$ | +        | +-        | T                  | Н         | $\dashv$ |     | 1     |        | 135        | -        | $\vdash$ | $\neg$    |                           |          | Н        |          | $\dashv$  | Н               |
|          | 36       | ⋪            |                 | $\vdash$     |              |                | _            |  | Н        |          |   |          | 86       | $\forall$ | 十        | -        | +-        | +-                 | $\vdash$  | +        | -   |       |        | 136        |          | $\vdash$ |           | $\dashv$                  |          | $\vdash$ |          | $\dashv$  | Н               |
|          | 37       | +            | $\vdash$        | $\vdash$     | _            | $\vdash$       | $\vdash$     | $\vdash$   | Н        |          |   |          | 87       | -         | $\dashv$ | +        | $\top$    | +                  | Н         | 十        | -   | ŀ     |        | 137        | _        | $\vdash$ | $\vdash$  | -                         | $\dashv$ | $\vdash$ |          | $\dashv$  | Н               |
|          | 38       | $\vdash$     | П               | $\vdash$     | Ι            |                | $\vdash$     | П  | Н        |          |   |          | 88       |           | $\dashv$ | +        | +         |                    | Н         | $\dashv$ | -   | H     |        | 138        |          |          | $\vdash$  |                           | -        | $\vdash$ |          | $\dashv$  | Н               |
|          | 39       | Г            |                 | $\vdash$     | 一            | $\vdash$       | $\vdash$     | $\vdash$   | H        |          |   |          | 89       |           | +        | +        | $\top$    | T                  | $\vdash$  | $\dashv$ | -   | ı     |        | 139        |          |          | $\vdash$  | $\neg$                    | $\neg$   | Н        | $\neg$   | $\neg$    | Н               |
|          | 40       |              |                 |              |              |                |              | Г  | $\vdash$ |          |   |          | 90       | $\vdash$  | $\dashv$ | $\top$   | $\dagger$ | t                  | Н         | 十        | -   | ı     |        | 140        |          |          |           | $\neg$                    |          | $\vdash$ | $\neg$   | $\dashv$  | Н               |
|          | 41       |              | П               |              |              |                |              |  |          |          |   |          | 91       | 1         | +        | $\top$   | $\top$    | T                  | $\sqcap$  | $\dashv$ | -   | ı     | $\neg$ | 141        | -        | $\vdash$ | $\exists$ |                           |          | $\vdash$ |          | $\dashv$  | М               |
|          | 42       |              | П               | Т            | Г            |                |              | П  |          |          |   |          | 92       | $\neg$    | $\neg$   | $\top$   |           | T                  | $\Box$    | $\dashv$ | ٦.  |       |        | 142        |          |          |           | $\neg$                    |          |          |          | $\neg$    | П               |
|          | 43       |              |                 |              | П            | П              |              | $\Box$   |          |          |   |          | 93       |           | $\neg$   | $\neg$   | 1         | 1                  | П         |          |     |       |        | 143        |          |          | $\neg$    | $\neg$                    | $\neg$   |          |          | $\neg$    | $\sqcap$        |
|          | 44       |              |                 |              |              |                |              |  |          |          |   |          | 94       |           | $\top$   | $\top$   | 1         | T                  | П         | $\dashv$ |     |       |        | 144        |          | $\Box$   | $\neg$    | $\neg$                    |          |          | $\dashv$ | $\neg$    | $\dashv$        |
|          | 45       |              |                 |              |              |                |              | П  |          |          |   |          | 95       |           | $\top$   |          | 1         | 1                  |           | 寸        |     |       |        | 145        |          |          |           | $\neg$                    | $\neg$   |          |          |           |                 |
|          | 46       |              | П               |              |              |                |              | П  |          |          |   |          | 96       |           | T        | $\top$   | Т         |                    | П         | 寸        |     |       |        | 146        |          |          |           | $\neg$                    |          |          | $\neg$   | $\dashv$  | $\dashv$        |
|          | 47       |              |                 |              |              |                |              |  |          |          |   |          | 97       |           | $\top$   | $\top$   | Τ         |                    | П         | $\neg$   |     | ı     |        | 147        |          |          | $\neg$    |                           |          |          | $\neg$   | $\dashv$  | Н               |
|          | 48       |              |                 |              |              |                |              |  |          |          |   |          | 98       |           | T        |          |           |                    | П         | 丁        |     |       |        | 148        |          |          | $\neg$    |                           |          |          | $\neg$   | $\neg$    | П               |
|          | 49       |              |                 |              |              |                |              |  |          |          |   |          | 99       |           |          |          |           |                    |           | 丁        |     | iiit  |        | 149        |          |          |           |                           |          |          |          | $\neg$    | $\neg$          |
|          | 50       |              | Π               |              |              |                |              | П  |          |          |   |          | 100      |           | $\neg$   | $\neg$   |           |                    |           |          | 7:: | iii t |        | 150        |          |          |           |                           |          |          |          | $\neg$    | $\neg$          |